

In the Claims:

Claims 1 and 2(canceled)

3.(currently amended) A push-pull pipe coupling adapted for interconnecting a pair of pipe sections, said pipe coupling comprising:

a hollow connector having an internal chamber within which is adapted to be located a pipe section, surrounding the pipe section is a coupler, said coupler including a grab ring housing which is annular in configuration and is located about the pipe section, said grab ring housing having an interior surface that is formed into an annular concavity;

said coupler including a grab ring mounted within said concavity, said grab ring having a cylindrical main body which has a plurality of inwardly extending biting members, said cylindrical main body being mounted within said annular concavity, said biting members adapted to abut against the pipe section;

whereby said biting members are acute angularly disposed relative to the pipe section and upon movement in a withdrawing direction of the pipe section from said internal chamber said biting members are cause to pivot to a smaller acute angle and dig into the pipe section forming a securement between the connector and the pipe section; and

~~The push-pull pipe coupling as defined in Claim 1 wherein:~~

said annular concavity having a forward wall which is located at an acute angle that is less than the acute angle of said biting members prior to the withdrawing movement of the pipe section.

Amendment to PUSH-PULL PIPE COUPLING  
Naris Komolrochanaporn, inventor  
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Claims 4-6(canceled)

7.(currently amended) A push-pull pipe coupling adapted for interconnecting a pair of pipe sections, said pipe coupling comprising:

a hollow connector having an internal chamber within which is adapted to be located a pipe section, surrounding the pipe section is a coupler, said coupler including a grab ring housing which is annular in configuration and is located about the pipe section, said grab ring housing having an interior surface that is formed into an annular concavity;

said coupler including a grab ring mounted within said concavity, said grab ring having a cylindrical main body which has a plurality of inwardly extending biting members, said cylindrical main body being mounted within said annular concavity, said biting members adapted to abut against the pipe section;

whereby said biting members are acute angularly disposed relative to the pipe section and upon movement in a withdrawing direction of the pipe section from said internal chamber said biting members are cause to pivot to a smaller acute angle and dig into the pipe section forming a securement between the connector and the pipe section; and

~~The push-pull pipe coupling as defined in Claim 1 wherein:~~  
said grab ring housing having a front forward surface, said front forward surface being annular and beveled and spaced from said grab ring.

Amendment to PUSH-PULL PIPE COUPLING

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8.(currently amended) The push-pull pipe coupling as defined in Claim 7

wherein:

said ~~front~~ forward surface connecting with an annular beveled surface formed on a retaining cap which functions to close said internal chamber.

9.(currently amended): A push-pull pipe coupling adapted for interconnecting a pair of pipe sections, said pipe coupling comprising:  
a hollow connector having an internal chamber within which is adapted to be located a pipe section, surrounding the pipe section is a coupler, said coupler including a grab ring housing which is annular in configuration and is located about the pipe section, said grab ring housing having an interior surface that is formed into an annular concavity;  
said coupler including a grab ring mounted within said concavity, said grab ring having an annular wall which has a plurality of inwardly extending biting members, said biting members adapted to abut against the pipe section;  
whereby said biting members are acute angularly disposed relative to the pipe section and upon movement in a withdrawing direction of the pipe section from said internal chamber said biting members are cause to pivot to a smaller acute angle and dig into the pipe section forming a securement between the connector and the pipe section;  
said grab ring housing having a forward surface, said forward surface being annular and beveled, said forward surface connecting with an annular beveled surface formed on a retaining cap which functions to close said internal chamber; and  
~~The push-pull pipe coupling as defined in Claim 8 wherein:~~  
said retaining cap has a plurality of slots, said slots permit said retaining cap to deflect during installation on said hollow connector.

Amendment to PUSH-PULL PIPE COUPLING

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10.(currently amended) A push-pull pipe coupling adapted for interconnecting a pair of pipe sections, said pipe coupling comprising:

a hollow connector having an internal chamber within which is adapted to be located a pipe section, surrounding the pipe section is a coupler, said coupler including a grab ring housing which is annular in configuration and is located about the pipe section, said grab ring housing having an interior surface that is formed into an annular concavity;

said coupler including a grab ring mounted within said concavity, said grab ring having an annular wall which has a plurality of inwardly extending biting members, said biting members adapted to abut against the pipe section;

whereby said biting members are acute angularly disposed relative to the pipe section and upon movement in a withdrawing direction of the pipe section from said internal chamber said biting members are cause to pivot to a smaller acute angle and dig into the pipe section forming a securement between the connector and the pipe section;

said grab ring housing having a forward surface, said forward surface being annular and beveled; and

said front forward surface interconnecting with an annular beveled surface formed on a washer which is mounted within said internal chamber.